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FIGURE 14B

20	E	L	F	A	S	R	I	M	N	V	T	S	A	T	L	S	S	L	S
40	V	N	Y	G	T	D	R	I	Q	S	V	E	A	V	F	K	P	V	T
60	S	G	N	F	R	L	L	P	N	C	Y	S	K	F	A	N	R	H	A
80	G	L	T	P	V	S	P	L	F	T	I	S	T	F	T	L	R	T	P
100	F	I	K	M	L	I	T	F	K	I	R	A	E	P	W	F	Y	S	P
120	G	A	I	V	C	C	M	S	R	A	Y	G	T	A	V	A	R	G	H
140	E	M	K	L	F	C	K	I	K	Y	Y	A	R	W	Q	Y	E	N	C
160	E	L	R	V	V	L	N	F	E	P	A	R	M	C	G	L	D	I	Q
180	S	I	L	S	E	H	R	T	I	K	L	Q	R	L	P	F	D	T	S
200	S	V	Q	V	G	F	Y	P	L	N	V	L	H	C	V	P	C	T	E
220	V	T	R	L	Y	I	V	I	D	V	M	M	T	F	T	N	C	T	W
240	N	S	D	L	I	S	L	V	I	M	L	Q	S	C	Y	L	L	S	Q
260	A	L	W	D	W	A	P	W	I	F	L	I	H	G	D	G	I	C	G
280	D	F	C	A	I	T	Q	C	G	V	F	Q	Q	M	I	S	I	P	G
300	L	T	V	F	D	T	C	G	I	C	P	H	D	I	F	N	L	V	C
320	K	L	A	A	Q	L	C	G	N	Y	I	A	A	I	P	I	F	T	E
340	D	L	V	L	V	L	I	L	N	T	Y	H	S	C	D	Y	A	Q	V
360	M	V	M	S	L	V	A	M	W	S	F	E	Q	L	V	G	R	G	A
380	V	V	V	E	D	Y	L	G	N	A	K	P	T	I	L	R	L	D	L
400	K	L	I	I	L	Y	A	Q	S	V	A	R	K	N	W	F	I	R	P

1  
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221  
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281  
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321  
341  
361  
381

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vertical bars indicate S.E.M. Data are presented as percent maximum cAMP released by 5-HT (basal cAMP release:  $0.023 \pm 0.004$  pmol/ml/10 min; maximum cAMP release:  $0.57 \pm 0.04$  pmol/ml/10 min).

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Figure 11A: Nucleotide sequence of the partial human S10-87 clone. Only partial 3' untranslated sequences are shown (SEQ. ID NO. 14).

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Figure 11B: Deduced amino acid sequence encoded by the nucleotide sequence of Figure 11A of the partial human S10-87 clone (SEQ. ID NO. 15).

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Figure 12: Comparison of the nucleotide sequences between the human (top row) and the rat S10-87 (bottom row) cDNA clones. The overall identity is 90.8%.

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Figure 13: Comparison of the deduced amino acid sequences between the human (top row) and the rat (bottom row) S10-87 receptors. The overall identity is 93.9%.

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Figure 14A: Nucleotide sequence of the full length human S10-95 clone (SEQ. ID NO. 7).

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Figure 14B: Deduced amino acid sequence encoded by the nucleotide sequence of Figure 14A (SEQ. ID NO. 8).

Figure 15: Comparison of the nucleotide sequences between the human (top row) and the rat (bottom row) S10-95 cDNA clones. The overall identity is 90.7%.

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Figure 16: Comparison of the deduced amino acid sequences between the human (top row) and the rat (bottom row) S10-95 receptors. The overall identity is 93.8%.